

WHAT IS CLAIMED IS:

1. A projection device with a battery pack, comprising:
  - a battery pack having a battery for providing a battery current;
  - a converter electrically connected to said battery pack for receiving said battery current to be converted into a DC current; and
  - a projector electrically connected to said converter and powered by said DC current.
2. The device according to claim 1, wherein said converter is a DC-DC converter.
3. The device according to claim 1, wherein said converter boosts a voltage of said DC current for a lamp of said projector.
4. The device according to claim 1, wherein said battery is a rechargeable battery.
5. The device according to claim 4, wherein said battery pack further comprises a charger for charging said battery.
6. The device according to claim 5, wherein said battery charger receives one of a DC power and an AC power to charge said battery.
7. The device according to claim 6, wherein said DC power comes from a power system of a car.
8. The device according to claim 1, wherein said battery pack further comprises a battery capacity indicator for indicating a capacity of said battery.
9. A projection device with a battery pack, comprising:
  - a battery pack having a battery for providing a battery current;
  - a power supply receiving an AC power for providing a first DC current;

a converter electrically connected to said battery pack and said power supply for receiving one of said battery current and said first DC current to be converted into a second DC current; and

a projector electrically connected to said converter and powered by said second DC current.

10. The device according to claim 9, wherein said converter is a DC-DC converter.
11. The device according to claim 9, wherein when said power supply is electrically connected to said AC power source, said converter receives said first DC current and when said power supply is not electrically connected to said AC power source, said converter receives said battery current.
12. The device according to claim 9, wherein said converter boosts a voltage of said second DC current for a lamp of said projector.
13. The device according to claim 9, wherein said battery is a rechargeable battery.
14. The device according to claim 13, wherein said battery pack further comprises a charger for charging said battery.
15. The device according to claim 14, wherein said battery charger receives one of a DC power and an AC power to charge said battery.
16. The device according to claim 15, wherein said DC power comes from a power system of a car.
17. The device according to claim 9, wherein said battery pack further comprises a battery capacity indicator for indicating a capacity of said battery.
18. The device according to claim 9, wherein said power supply is positioned on said projector.